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MODIFIED Form PTO-1595	ET U.S. DEPARTMENT OF COMMERCE	
(Rev. 10/02) 10/30	62881 U.S. Patent and Trademark Office	
To the Director of the U.S. Patent and Trademark Office	ce: Please record and and original documents or copy thereof	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Joon-ho OK	SAMSUNG ELECTRONICS CO., LTD.	
Hyun-joo KANG	416, Maetan-dong, Yeongtong-gu,	
Mi-jeong KIM Sung-woo KIM	Suwon-si, Gyeonggi-do, Republic of Korea	
Sang-hyun PARK	Republic of Roles	
Additional name(s) of conveying party(ics) attached? Yes No		
3. Nature of conveyance:		
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name		
Other		
	1	
Execution Date: July 28, 2005	Additional name(s) & address(es) attached? ☐ Yes ☑ No	
4. Application number(s) or patent number(s):	5	
If this document is being filed together with a new applica	ation, the execution date of the application is: July 28, 2005	
A. Patent Application No.(s)	B. Patent No.(s)	
Not yet assigned	Unknown	
Additional numbers	attached? Yes No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00	
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08/16/2005 GTON11 00000092 11198842 01 FC:8021 (40.00 GP)

PATENT REEL: 016880 FRAME: 0825

Docket No. Q89246 For Non-U.S. Clients

Whereas, We, Joon-ho OK, Hyun-joo KANG, Mi-jeong KIM, Sung-woo KIM, and Sang-hyun PARK, all of Seoul, Republic of Korea, hereinafter called assignors, have invented certain improvements in THREE-DIMENSIONAL MOTION GRAPHIC USER INTERFACE AND METHOD AND APPARATUS FOR PROVIDING THE SAME and executed an application for Letters Patent of the United States of America therefor on; and		Assignment						
Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor; Now therefore, for valuable consideration, receipt whereof is hereby acknowledged, We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee. We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number	certain improvements AND METHOD AN	Il of Seoul, Republic of Korea, hereinafter called a s in THREE-DIMENSIONAL MOTION GRAPH D APPARATUS FOR PROVIDING THE SAME rs Patent of the United States of America therefor	ssignors, I IC USER and execu	have in INTER	vented RFACE			
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee. We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number	Suwon-si, Gyeonggi- and interest in the ap	-do, Republic of Korea (assignee), desires to acqu	ire the enti	ire righ	ıt, title,			
assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee. We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number	Now therefor	e, for valuable consideration, receipt whereof is h	ereby ackr	nowled	ged,			
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number	assignee, its successor invention disclosed to under 35 U.S.C. §119 issue any Letters Pate successors and assign necessary by the assign	ors and assigns, the entire right, title and interest in herein for the United States of America, including 9, and we request the Director of the U.S. Patent a ent granted upon the invention set forth in the appns; and we will execute without further considerating in connection with the United States applica	n the application the right in the right ind	cation to clain nark O the as pers de	and the m priority office to signee, its emed			
(Application number and Confirmation number, filed) the application number, confirmation number, and filing date of said application when known. Date: July 28, 2005 S/Joon-ho OK Date: July 28, 2005	•							
) the application number, confirmation number, and filing date of said application when known. Date: July 28, 2005 S/Joon-ho OK Date: July 28, 2005	We hereby at	uthorize and request our attorneys SUGHRUE MI	ON, PLLC	C of 21	00			
application when known. Date: July 28, 2005 s/Joon-ho OK Date: July 28, 2005	Pennsylvania Avenu	e, NW, Washington, DC 20037-3213 to insert her						
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s/Joon-ho OK Date: July 28, 2005	Pennsylvania Avenu (Application number	e, NW, Washington, DC 20037-3213 to insert her and Confirmation number the application number, confirmation number,	e in paren	theses	_, filed			
Date: July 28, 2005	Pennsylvania Avenu (Application number application when known	e, NW, Washington, DC 20037-3213 to insert her and Confirmation number the application number, confirmation number,	e in paren	theses date o	_, filed f said			
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s/Sung-woo KIM	Pennsylvania Avenu (Application number application when known Date: Date: Date:	e, NW, Washington, DC 20037-3213 to insert her and Confirmation number	and filing July July July	date o 28, 28,	, filed f said 2005 2005			
Date: July 28, 2005	Pennsylvania Avenu (Application number application when known Date: Date: Date:	e, NW, Washington, DC 20037-3213 to insert her and Confirmation number the and Confirmation number, the application number, confirmation number, own. s/Joon-ho OK s/Hyun-joo kANG s/Mi-joong KM	and filing July July July	date o 28, 28,	, filed f said 2005 2005			

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 08/08/2005

PATENT REEL: 016880 FRAME: 0826